

Overview Of Messaging Platforms And ByStar Messaging Reference Implementation

A gmail Derivation In The Spirit Of Unix's Composability Philosophy

Mohsen Banan: <http://mohsen.banan.1.byname.net/ContactMe>

<http://mohsen.banan.1.byname.net/PLPC/120050>

January 14, 2016
Verbatim Copying Permitted

Part I

Choosing The Ultimate Messaging Platform

Part 1: Choosing The Ultimate Messaging Platform

- 1 Criteria For Being Considered The Ultimate Messaging Platform
 - MTA Comparisons – qmail is our choice of ultimate MTA
 - The ByStar Mail Server Configuration – Hosted And In-House
 - The Right qmail Autonomous Client Configuration
 - Qmail Plus
 - Mailfront Plus

Criteria For Being Considered The Ultimate Messaging Platform

What Should Be Thought In This Class?

- Manner-Of-Existence Of The Platform Software (Proprietary Vs. Libre-Halaal)
- Widespread Usage (Where and By Whom)
- Flexibility, Generecity, Composability
- Ease Of Use
- Complexity
- Availability
- Trends And Future

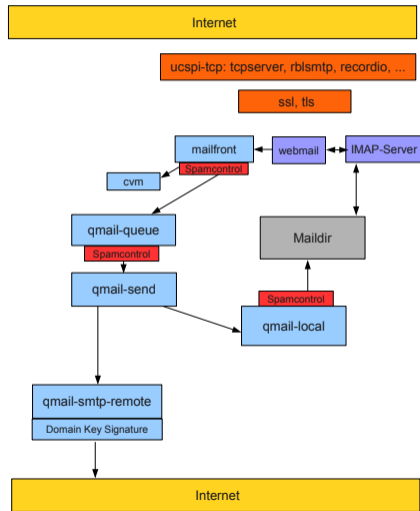
Comparison Of Mail Systems – (servers, clients, webmail providers)

- Comparison of mail servers - Wikipedia — https://en.wikipedia.org/wiki/Comparison_of_mail_servers
- Comparison of email clients - Wikipedia — https://en.wikipedia.org/wiki/Comparison_of_email_clients
- Comparison of webmail providers - Wikipedia — https://en.wikipedia.org/wiki/Comparison_of_webmail_providers
- List of collaborative software - Wikipedia — https://en.wikipedia.org/wiki/List_of_collaborative_software

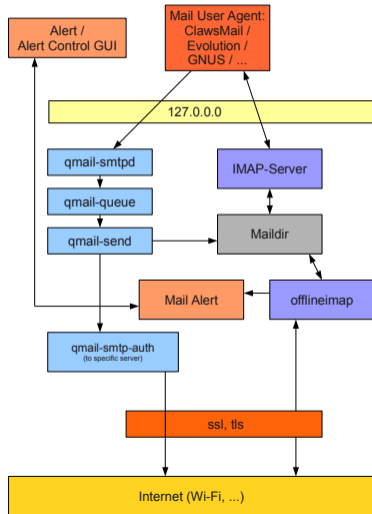
MTA Comparisons – qmail is our choice of ultimate MTA.

- qmail vs Sendmail vs Exchange vs Postfix vs Exim
http://shearer.org/MTA_Comparison
- Linux Modules and Protocol Layers
- qmail – <http://cr.yp.to/qmail.html>

The ByStar Mail Server Configuration – Hosted And In-House



The Right qmail Autonomous Client Configuration



Qmail Plus

- daemontools
- djbdns
- ucspi-tcp
- rblsmtpd
- qmail – Explore Through ByStar Panel

Mailfront Plus

- ucspi-ssl
- cvm (Credentials Verification Module)
- mailfront – Explore Through ByStar Panel

Part 5: Class Activities

Blee Orientation

- Blee Panles
- Function Key Explanation
- Multi-Lingual Capabilities
- Global Size Adjustments: F9 - F10
- Global File Expansion: F5
- Human Language Support: Spell Checking, Dictionaries, Thesarus

Major and Minor Modes

- Major Mode Description
- Key Bindings

Bash and Bash-Mode

- Sample Bash Code
- BinsPrep Examples

Part III

Assignments

Part 6: Assignments

Assignments

- Unix System Man Pages – Read: man man
- Also Read “man bash” – “man date”
- whatis date – whatis cp
- apropos copy – apropos date

- Page through: “Life With Qmail” – <http://www.lifewithqmail.org/>
- Read Through: <https://cr.yip.to/qmail.html>
- Scan Over: <http://www.qmail.org>